

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015580.D
 Acq On : 20 Apr 2020 14:08
 Operator : SY/MD
 Sample : L2333-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD1

Quant Time: Apr 21 02:29:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	91607	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	85390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	39797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	20450	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	20721	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.12	63	32702	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.95	46	74323	55.69	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.38%
24) Chloroform-d	4.38	84	51341	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	30130	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.08	84	97143	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.10	67	31411	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.34	98	84181	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.65	79	8428	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	8.11	63	54680	44.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22849	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	32089	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

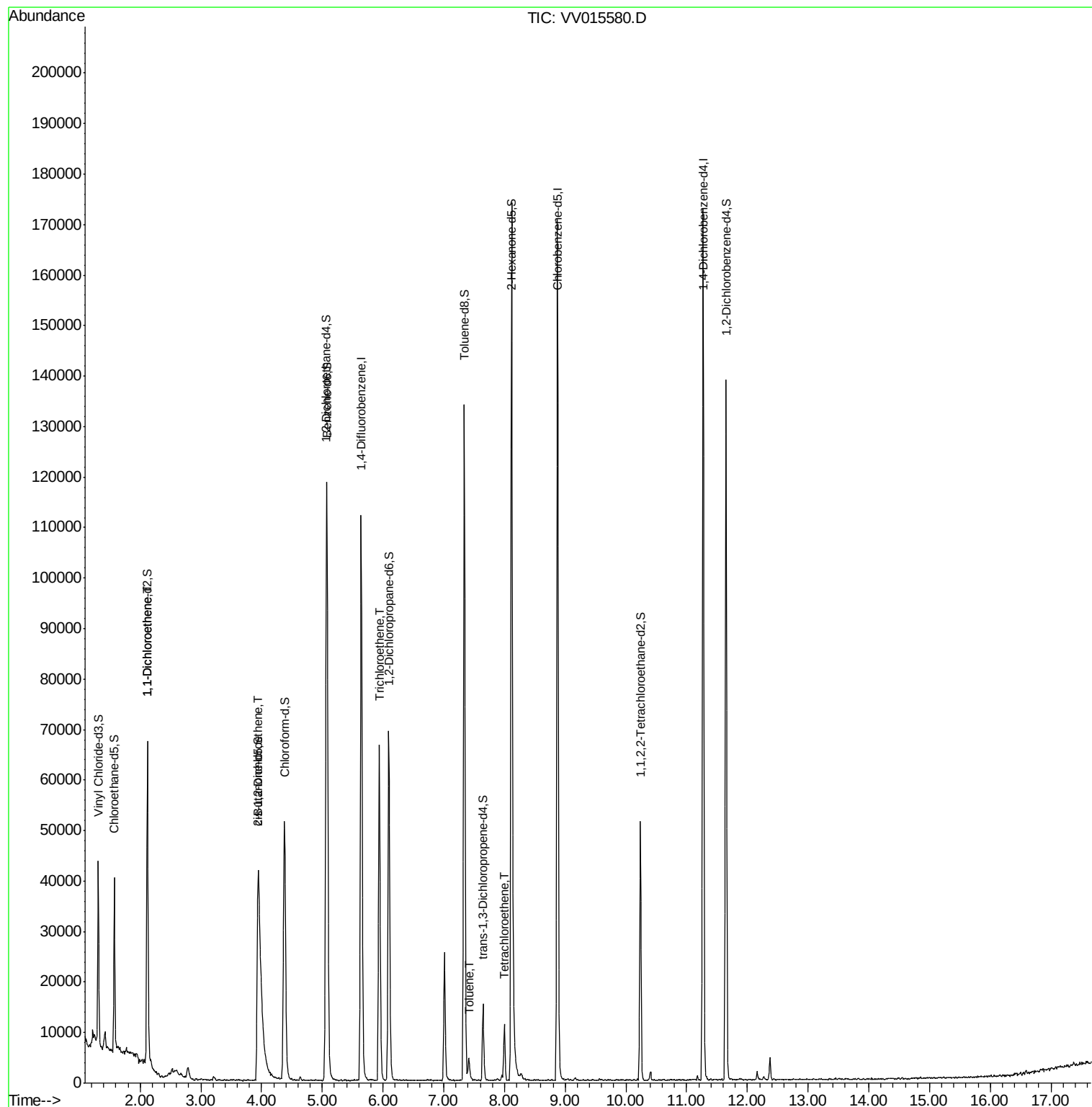
					Ovalue
12) 1,1-Dichloroethene	2.13	96	3172	0.552 ug/L	# 1
22) cis-1,2-Dichloroethene	3.94	96	7428	1.104 ug/L	98
34) Trichloroethene	5.94	95	22973	3.340 ug/L	98
42) Toluene	7.41	91	3354	0.121 ug/L	97
47) Tetrachloroethene	8.00	164	2368	0.465 ug/L	97

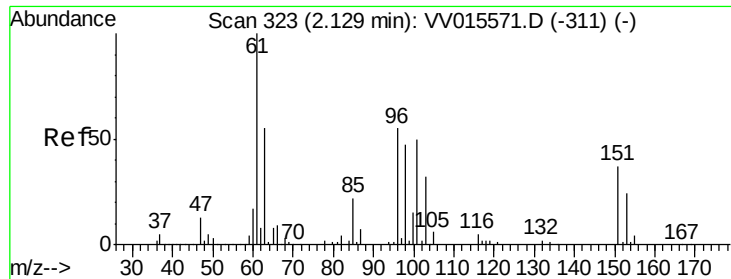
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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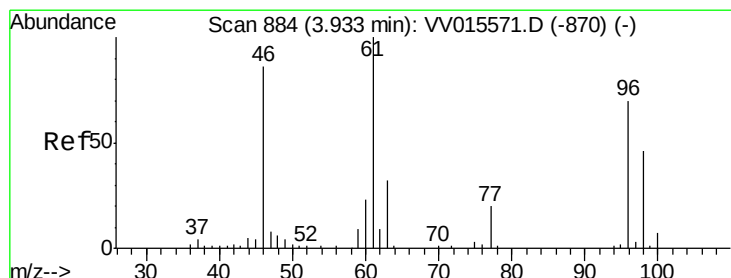
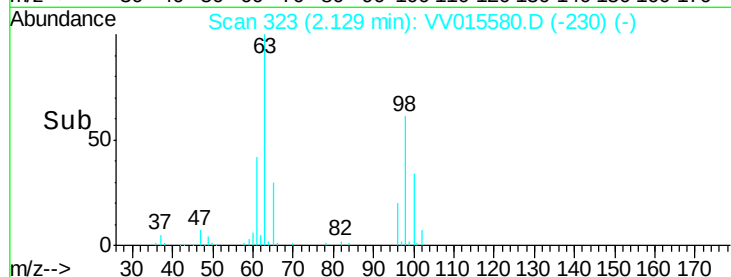
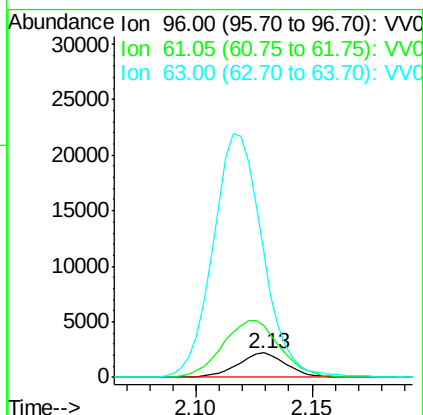
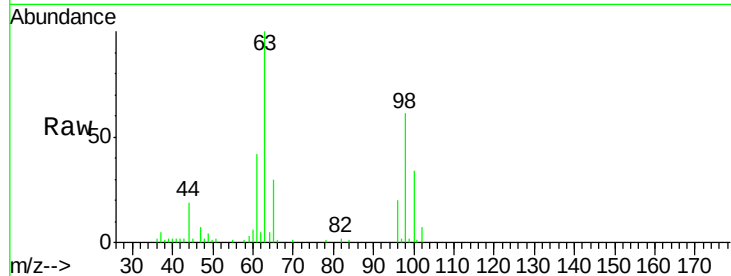




#12
 1,1-Dichloroethene
 Concen: 0.552 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: VV015580.D
 Acq: 20 Apr 2020 14:08

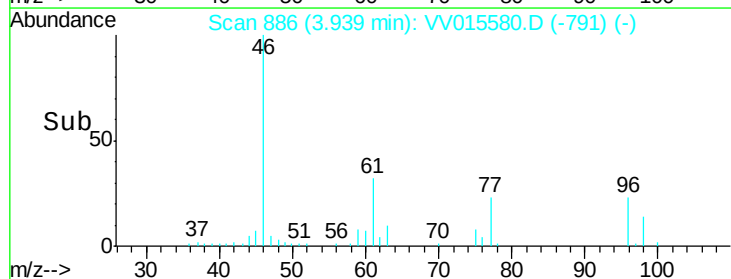
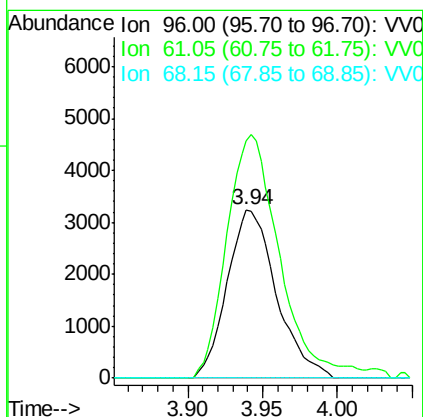
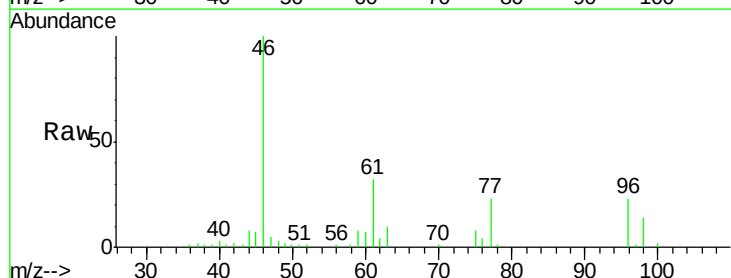
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD1

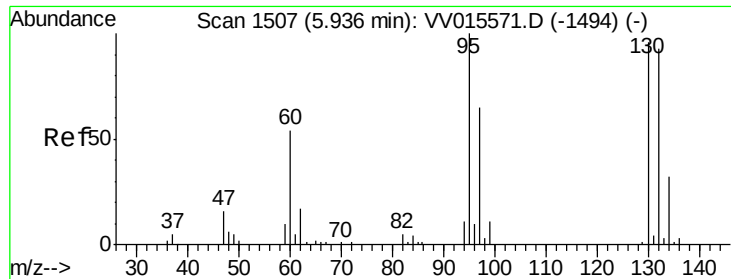
Tot Ion: 96 Resp: 3172
 Ion Ratio Lower Upper
 96 100
 61 212.2 127.7 237.1
 63 508.4 75.1 139.5#



#22
 cis-1,2-Dichloroethene
 Concen: 1.104 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV015580.D
 Acq: 20 Apr 2020 14:08

Tgt Ion: 96 Resp: 7428
 Ion Ratio Lower Upper
 96 100
 61 140.5 100.0 185.8
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 3.340 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015580.D

Acq: 20 Apr 2020 14:08

Instrument :

MSVOA_V

ClientSampled :

C0AD1

Tot Ion: 95 Resp: 22973

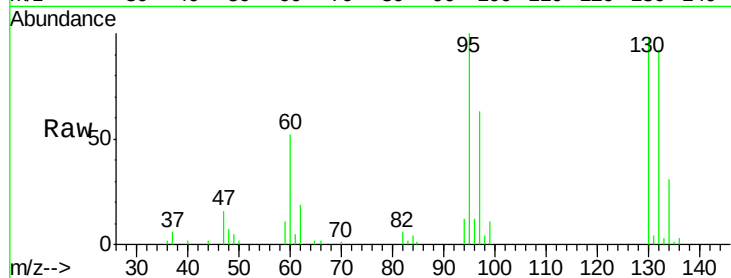
Ion Ratio Lower Upper

95 100

97 62.9 45.4 84.4

132 91.6 64.8 120.4

130 98.0 67.4 125.2

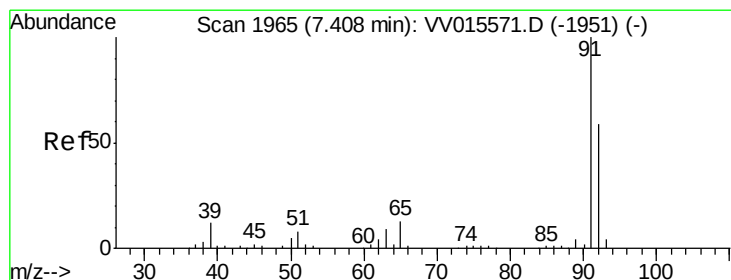
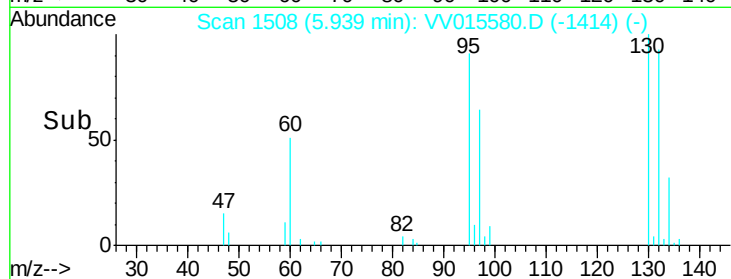
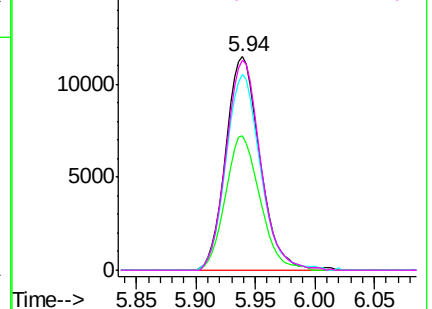


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.121 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015580.D

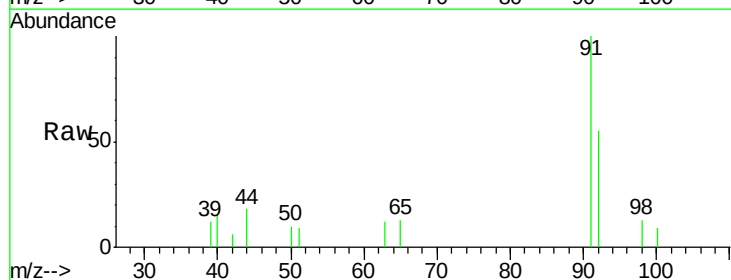
Acq: 20 Apr 2020 14:08

Tgt Ion: 91 Resp: 3354

Ion Ratio Lower Upper

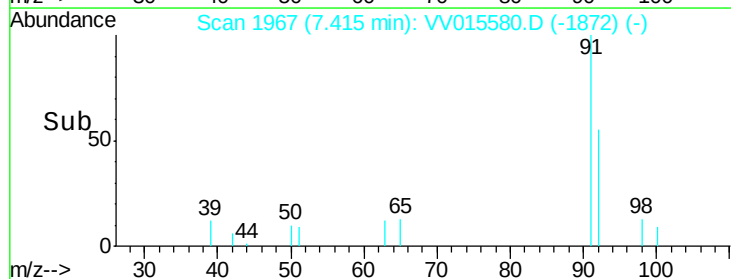
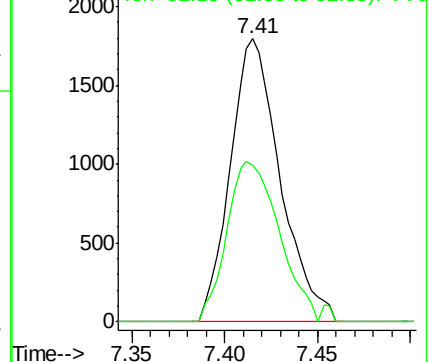
91 100

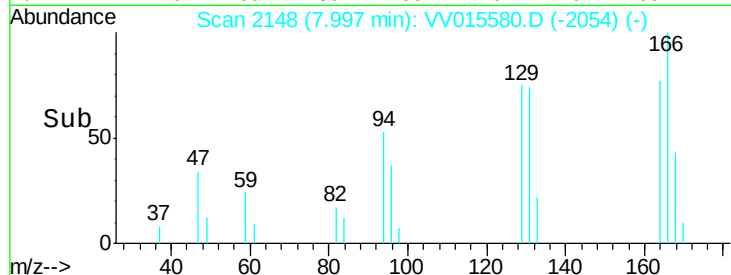
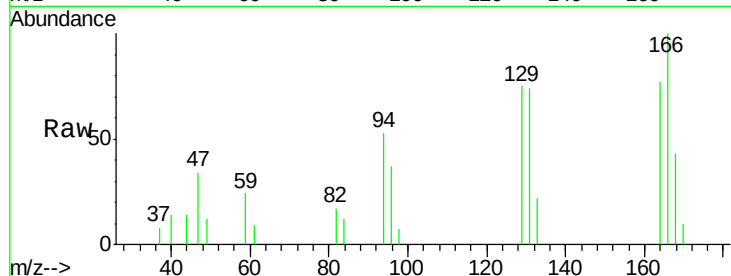
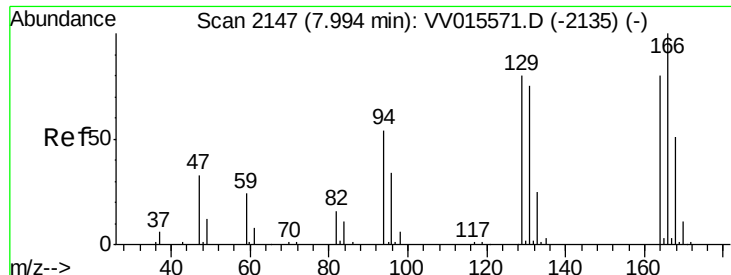
92 55.2 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#47

Tetrachloroethene

Concen: 0.465 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015580.D

Acq: 20 Apr 2020 14:08

Instrument :

MSVOA_V

ClientSampleId :

C0AD1

Tot Ion:164 Resp: 2368

Ion Ratio Lower Upper

164 100

129 97.4 70.6 131.0

131 95.3 68.3 126.8

166 129.2 88.3 163.9

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

